

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-45 (cancelled)

46 (currently amended). A method for generating a portable document format (PDF) representation of a book having a plurality of pages, comprising the steps of:

scanning the pages of the book to produce scanned pages;
generating original PDF pages from respective said scanned pages, said original PDF pages corresponding to respective pages of the book, wherein said original PDF pages have content areas of text or graphics or both and non-content areas surrounding the content areas;

creating on each of said original PDF pages, a bounding box of minimal size to enclose all of the respective said content areas, each said bounding box defining a respective cropped PDF page;

selecting a feature common to all of said cropped PDF pages;
discarding said cropped PDF pages; and

aligning all of said original PDF pages in a PDF representation of the book using said selected feature to prevent an appearance of page jumping between succeeding pages in the PDF representation of the book;

further comprising using one of said cropped PDF pages as an alignment standard for said feature;

wherein said using further comprises identifying a largest of said cropped PDF pages as said alignment standard;

wherein said selecting further comprises applying one or more predetermined alignment rules; and

further comprising:

warning a user when said bounding boxes are of different sizes;
and

allowing the user to define new alignment rules.

47 (cancelled).

48 (currently amended). The method of claim ~~47~~ 46 further comprising displaying said cropped PDF pages used as said alignment standard during said selecting.

49 – 51 (canceled).

52 (previously presented). The method of claim 46 further comprising displaying the PDF representation of the book, following said aligning.

53 (previously presented). The method of claim 46 further comprising printing the PDF representation of the book, following said aligning.

54 (previously presented). The method of claim 46 wherein said feature is a corner of said cropped PDF pages.

55 (previously presented). The method of claim 46 wherein said feature is a page number, a header, or a footer.

56 (currently amended). A method for generating a portable document format (PDF) representation of a book having a plurality of pages, comprising the steps of:

scanning the pages of the book in a duplex mode having front and back scans to produce a first set of scanned pages from said front scans and a second set of scanned pages from said back scans;

generating first and second sets of original PDF pages from respective said sets of scanned pages, said original PDF pages corresponding to respective pages of the book, wherein said original PDF pages have content areas of text or graphics or both and non-content areas surrounding the content areas;

creating on each of said original PDF pages, a transient bounding box of minimal size to enclose all of the respective said content areas, each said bounding box defining a respective cropped PDF page;

selecting different first and second features of said cropped PDF pages, said first feature being common to all of said cropped PDF pages of said first set, said second feature being common to all of said cropped PDF pages of said second set;

discarding said cropped PDF pages; and

aligning all of said original PDF pages in a PDF representation of the book using the respective said selected features to prevent an appearance of page jumping between succeeding pages in the PDF representation of the book;

further comprising using one of said cropped PDF pages of each of said sets as an alignment standard for said selecting of the respective said feature;

wherein said using further comprises identifying a largest of said cropped PDF pages in each of said sets as the respective said alignment standard;

wherein said selecting further comprises applying one or more predetermined alignment rules; and

further comprising:

warning a user when said bounding boxes are of different sizes;
and

allowing the user to define new alignment rules.

57 (cancelled).

58 (currently amended). The method of claim 57 56 further comprising displaying each of said alignment standard cropped PDF pages during said selecting of the respective said feature.

59 - 61 (cancelled).

62 (previously presented). The method of claim 56 wherein said selecting further comprises:

displaying all of said cropped PDF pages of said first set, then all of said cropped PDF pages of said second set; and

receiving a user choice of said first feature, during said displaying of said first set, and a user choice of said second feature, during said displaying of said second set.

63 (previously presented). The method of claim 56 further comprising displaying the PDF representation of the book, following said aligning.

64 (previously presented). The method of claim 56 further comprising printing the PDF representation of the book, following said aligning.

65 (previously presented). The method of claim 56 further comprising manually selecting said features.

66 (previously presented). The method of claim 56 wherein at least one of said features is a corner of the respective said cropped images.

67 (previously presented). The method of claim 56 wherein at least one of said features is a page number.

68 (currently amended). An apparatus for generating a portable document format (PDF) representation of a book having a plurality of pages, comprising:

a scanner capable of scanning the pages of the book to produce scanned pages; and

a controller operatively connected to receive said scanned pages, said controller being programmed to:

generate original PDF pages from respective said scanned pages, said original PDF pages corresponding to respective pages of the book, wherein said original PDF pages have content areas of text or graphics or both and non-content areas surrounding the content areas;

create on each of said original PDF pages, a transient bounding box of minimal size to enclose all of the respective said content areas, each said bounding box defining a respective cropped PDF page;

select a feature common to all of said cropped PDF pages; discard said cropped PDF pages; and align all of said original PDF pages in a PDF representation of the book using said selected feature to prevent an appearance of page jumping between succeeding pages in the PDF representation of the book;

wherein said controller uses one of said cropped PDF pages as an alignment standard for said feature;

wherein said controller identifies a largest of said cropped PDF pages as said alignment standard;

wherein said controller applies one or more predetermined alignment rules to select a feature common to all of said cropped PDF pages; and

wherein said controller warns a user when said bounding boxes are of different sizes; and

allows the user to define new alignment rules.

69 - 70 (cancelled).